

Title (en)

Tailor welded blank, manufacturing method thereof, and hot stamped component using tailor welded blank

Title (de)

Maßgeschneiderter geschweißter Rohling, Herstellungsverfahren dafür, und heißgestanzte Komponente mit dem maßgeschneiderten geschweißten Rohling

Title (fr)

Ébauche soudée sur mesure, son procédé de fabrication et composant estampé chaud utilisant une ébauche soudée sur mesure

Publication

EP 2737971 A1 20140604 (EN)

Application

EP 13169439 A 20130528

Priority

KR 20120139035 A 20121203

Abstract (en)

Disclosed are a tailor welded blank and a manufacturing method thereof. The tailor welded blank is manufactured by connecting blank elements of different materials or thicknesses, thereby eliminating quality problems in a welded zone. A hot stamped component is manufactured by hot stamping the tailor welded blank formed by laser-welding blank elements made of coated steel plates having different strengths or thicknesses using a filler wire, wherein a laser-welded zone has a martensite structure.

IPC 8 full level

B23K 26/24 (2014.01); **B23K 26/32** (2014.01)

CPC (source: CN EP KR US)

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